



IFW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

MATSUSHIMA

Atty. Ref.: 1035-360; Confirmation No. 4084

Appl. No. 10/052,345

Group: 2871

Filed: January 23, 2002

Examiner: K. Parker

For: SEMICONDUCTOR DEVICE

\* \* \* \* \*

May 20, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REQUEST FOR ACKNOWLEDGEMENT OF  
INFORMATION DISCLOSURE STATEMENTS  
AND RETURN OF INITIALED PTO-1449 FORMS**

A Notice of Allowance and Fee(s) Due and Notice of Allowability, each dated May 6, 2004, have been received in the subject patent application.

The PTO-1449 form returned with the Notice of Allowability is initialed to evidence the Examiner's consideration of the Japanese patent documents submitted with the Information Disclosure Statement September 10, 2003. However, this form is not initialed to evidence consideration of the Japanese office action and translation thereof.

The PTO-1449 form returned with the prior office action of May 29, 2003 is initialed to evidence the Examiner's consideration of the U.S. patent documents submitted with the Information Disclosure Statement of January 23, 2002. However, this form is not initialed to evidence consideration of the foreign patent documents.

An Information Disclosure Statement was filed on April 29, 2004 and a Supplemental Information Disclosure Statement submitting a corrected PTO-1449 form was filed on May 4,

2004. Applicants have not received an initialed form evidencing consideration of the documents identified on this corrected PTO-1449 form.

Attached for the Examiner's convenient reference are copies of the partially initialed PTO-1449 forms, complete copies of the IDSs submitted on April 29 and May 4, 2004, and postcards stamped to evidence prior receipt of these documents by the USPTO.

Applicant respectfully requests that the Examiner return to the undersigned PTO-1449 forms initialed to evidence consideration of all of these documents so that these documents are listed on the front page of the issued patent.

The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our **Account No. 14-1140**.

If there are any questions or concerns, it is requested that the Examiner contact the undersigned representative at the telephone number below.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By:



Michael J. Shea  
Reg. No. 34,725

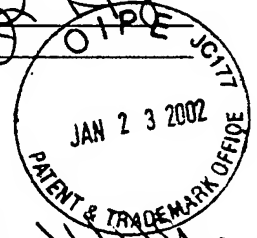
MJS:jsm  
1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100



Serial No.:  
Applicant:  
Title:

Atty: 1055-29  
Date: 1-23-02  
Client: 1035 350  
Ref: \_\_\_\_\_

194 Amendment  
5 Pages Specification Abstract (one page)  
5 Claims  
5 Sheets Drawings: Formal Fig. 1  
Informal Fig. 2  
XX Declaration one Pages  
Assignment  
Priority Document  
908 Base Issue Fee Transmittal  
910 Fee (Check)



Other:

Transmittal - 1055-29 - 1035 350 - reply  
Submission of Declaration Cover letter

**TBA**

11017 U.S. PRO

10/052345

01/P3/02

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J	5,084,905	01/1992	SASAKI et al.			
	5,159,477	10/1992	SHIMADA et al.			
	5,317,432	05/1994	INO	349	39	
V	5,461,501	10/1995	SATO et al.			
	5,585,951	12/1996	NODA			
	5,721,601	02/1998	YAMAJI et al.			
	5,745,195	04/1998	ZHANG			
	5,767,927	06/1998	JANG	349	39	
	5,784,131	07/1998	KIM et al.	349	39	
	5,917,563	09/1999	MATSUSHIMA			
	5,943,107	08/1999	KADOTA et al.			
	5,956,105	09/1999	YAMAZAKI et al.			
	6,141,066	10/2000	MATSUSHIMA			

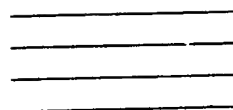
[illegible]

*Examiner	<i>Dickor</i>	Date Considered	<i>5/5/13</i>

Form PTO-FB-A820 (Also PTO-1449)



Serial No.: 10/052,345      C#/M#: 1035-360  
Inventor/s: MATSUSHIMA      Atty: Michael J. Shea  
Title: SEMICONDUCTOR DEVICE      Date: Sep. 10, 03



☒ **Information Disclosure Statement  
w/ 2 attachments and PTO-1449**

\$      Fee (Check) - **Pre-Bill**  
\$      Fee (Check) - Non Pre-Bill  
**\$0.00**      Total Fee Enclosed

**Other:**







Serial No.: 10/052,345  
Inventor/s: MATSUSHIMA  
Title: SEMICONDUCTOR DEVICE

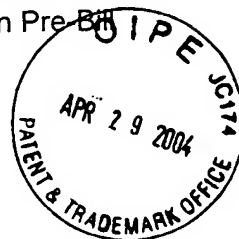
C#/M#: 1035-360  
Atty: Michael J. Shea  
Date: Apr. 29, 04

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

☒ **Information Disclosure Statement**  
**w/ PTO-1449 and 3 attachments**

\$ Fee (Check) - Pre-Bill  
\$ Fee (Check) - Non Pre-Bill  
\$0.00 Total Fee Enclosed

Other:



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of  
MATSUSHIMA

Serial No. 10/052,345

Filed: January 23, 2002

For: SEMICONDUCTOR DEVICE



Atty. Ref.: 1035-360

Group: 2871

Examiner: K. Parker

\* \* \* \* \*

April 29, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited by or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).



Applicants have checked the appropriate boxes below.

1. ☐ This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No statement under 37 C.F.R. § 1.97(e) or fee is required. In the event, a first Office Action has been mailed prior to filing of the present Information Disclosure Statement, the Office is requested to treat the present paper as a submission under 37 C.F.R. § 1.97(c) and charge the undersigned's Deposit Account No. 14-1140 for the fee required by 37 C.F.R. § 1.17(p). The present paper is submitted in duplicate for this purpose.

2. ☐ This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

a. ☐ I hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

b. ☐ I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

c. ☐ Attached is our Check-No. in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

3. ☒ This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. It is hereby requested that the Information Disclosure Statement be considered. Attached is our check in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

a. ☒ I hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

- b. ☐ I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
4. ☐ Relevance of the non-English language document(s) is discussed in the present specification.
5. ☒ These document(s) was/were cited in an office action in a corresponding Japanese Application No. 2003-325143 which is a divisional of Japanese Application No. 08-102817 from which the subject patent application claims priority. Copies of the office action and an English language translation thereof are attached for the Examiner's information.
6. ☐ A concise explanation of the relevance of the non-English language document(s) appears below:
7. ☐ The Examiner's attention is directed to co-pending U.S. Patent Application No. , filed , (copy attached) which is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.
8. ☐ Copies of the documents were cited by or submitted to the Office in Application No. , filed , which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

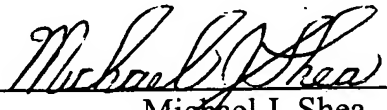
It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

MATSUSHIMA  
Serial No. 10/052,345

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 14-1140 referencing docket number 1035-360.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By:   
Michael J. Shea  
Reg. No. 34,725

MJS:dbp  
1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100





Serial No.: 10/052,345  
Inventor/s: MATSUSHIMA  
Title: SEMICONDUCTOR DEVICE

C#/M#: 1035-360

Atty: MJS

Date: May. 4, 04

---

---

---

---

☐

**Address Indication Form**

\$ Fee (Check) - **Pre-Bill**

\$ Fee (Check) - Non Pre-Bill

**\$0.00** Total Fee Enclosed

**Other: Information Disclosure Statement  
w/ PTO-1449 attachment (3 pages)**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of  
MATSUSHIMA

Serial No. 10/052,345

Filed: January 23, 2002

For: SEMICONDUCTOR DEVICE



Atty. Ref.: 1035-360

Group: 2871

Examiner: K. Parker

\* \* \* \* \*

May 4, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Further to the Information Disclosure Statement (IDS) submitted on April 29, 2004, Applicant submits herewith a corrected PTO-1449 form. The document JP 07-146491 was inadvertently listed on the PTO-1449 form submitted on April 29, 2004. This document is already of record in this application and thus it should not have been listed on the PTO-1449 form submitted with the April 29<sup>th</sup> IDS.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449 form, and to indicate in the official file wrapper of this patent application that the listed document has been considered.

MATSUSHIMA

Serial No. 10/052,34

The U.S. Patent and Trademark Office is hereby authorized to charge any fee associated with this submission to our Deposit Account No. 14-1140 referencing docket number 1035-360.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By:



Michael J. Shea

Reg. No. 34,725

MJS:dbp

1100 North Glebe Road, 8th Floor

Arlington, VA 22201-4714

Telephone: (703) 816-4000

Facsimile: (703) 816-4100

**SERIAL NO.**

1035-360

10/052,345

**APPLICANT**

# MATSUSHIMA

(Use several sheets if necessary)

FILING DATE

**GROUP**

**January 23, 2002**

2871

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent pages, etc.)

[illegible]

**\*Examiner**

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.